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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Complete if Known					
Application Number	10/688,354				
Filing Date	October 17, 2003				
First Named Inventor	Grigg et al.				
Group Art Unit	Unknown 2829				
Examiner Name	Unknown C WILSON				
Attorney Docket Number	5216.1US (99-0507.01/US)				

	i		U.S. PATENT D		
Examiner Initials *	Cite No.1	Number - Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
$\overline{\omega}$		US- 6,251,488	06/26/01	Miller et al.	
		US- 6,259,962	07/10/01	Gothait	
		US- 6,268,584	07/31/01	Keicher et al.	
		US- 6,326,698	12/04/01	Akṛam	
		US- 6,391,251	05/21/02	Keicher et al.	
		US- 6,461,881	10/08/02	Famworth et al.	
		US- 6,506,671	01/14/03	Grigg	
		US- 6,525,408	02/25/03	Akram et al.	
		US- 6,531,335	03/11/03	Grigg	
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		US- 6,544,821	04/08/03	Akram	
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		US- 6,569,753	05/27/03	Akram et al.	
		US- 6,611,053	08/26/03	Akram	
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<del>asin</del>		US- 6,649,444	11/18/03	Earnworth et al.	
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<sup>&</sup>lt;sup>1</sup> Applicant's unique citation designation number (optional) . <sup>2</sup> See Kinds Codes of USPTO Patent Documents at <u>www.uspto.gov</u> or MPEP 901.04. that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Skind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.





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U.S. Patent

Substitute for form 1449A/PTO Complete if Known **Application Number** 10/688,354 INFORMATION DISCLOSURE October 17, 2003 Filing Date STATEMENT BY APPLICANT First Named Inventor Grigg et al. 2829 <del>Unknown</del> Group Art Unit (use as many sheets as necessary) C WILSON Examiner Name <del>Unknown</del> 5216 1115 (99-0507 01/115) Attorney Docket Number

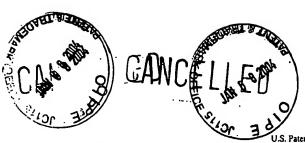
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Examiner Cite No.1		Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T 2		
		U.S. Patent Application Publication 2002/0043711 A1 to Akram et al., dated April 18, 2002			
1		U.S. Patent Application Publication 2002/0105074 A1 to Akram et al., dated August 8, 2002			
		U.S. Patent Application Publication 2002/0171177 A1 to Kritchman et al., dated November 21, 2002	1		
		U.S. Patent Application Publication 2003/0022462 At to Farnworth et al., dated January 30, 2003			
		U.S. Patent Application Publication 2003/0043360 A1 to Farnworth, dated March 6, 2003	_		
		U.S. Patent Application Publication 2003/0068840 A1 to Grigg, dated April 10, 2003			
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		U.S. Patent Application Publication 2003/0092220 A1 to Akram, dated May 15, 2003			
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		U.S. Patent Application Publication 2003/0139030 A1 to Grigg, dated July 24, 2003			
		U.S. Patent Application Publication 2003/0151167 A1 to Kritchman et al., dated August 14, 2003			
<b>3</b> W		U.S. Patent Application Publication 2003/0170921 A1 to Akram, dated September 11, 2003			

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<sup>&</sup>lt;sup>1</sup> Unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.





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INFORMATION DISCLOSI

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Complete if Known					
Application Number	10/688,354				
Filing Date	October 17, 2003				
First Named Inventor	Grigg et al.				
Group Art Unit	Unknown 2829				
Examiner Name	Unknown C WILSON				
Attorney Docket Number	5216 1115 (99-0507 01/15)				

Examiner Cite No.1		Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.		
		U.S. Patent Application Publication 2003/0173665 A1 to Grigg, dated September 18, 2003		
ſ	-	U.S. Patent Application Publication 2003/0176016 A1 to Grigg, dated September 18, 2003		
		U.S. Patent Application Publication 2003/0180974 A1 to Akram, dated September 25, 2003		
		U.S. Patent Application Publication 2003/0181003 A1 to Akram, dated September 25, 2003		
		U.S. Patent Application Publication 2003/0186496 A1 to Akram, dated October 2, 3003		
	ļ	U.S. Patent Application Publication 2003/0193092 A1 to Tan et al., dated October 16, 2003		
_		U.S. Patent Application Publication 2003/0203612 A1 to Akram et al., dated October 30, 2003		
		U.S. Patent Application Publication 2003/0207213 A1 to Farnworth, dated November 6, 2003		
		MILLER et al., "Maskless Mesoscale Materials Deposition", Deposition Technology, September 2001, pages 20-22		
		MILLER, "New Laser-Directed Deposition Technology", Microelectronic Fabrication, August 2001, page 16		
	<u> </u>	-Webpage, Objet Prototyping the Future, "Objet FullCure 700 Series", 1 page	-	

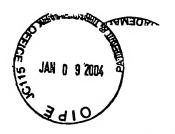
Examiner Signature	Chistin cuits	Date Considered	3/1/05	
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<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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INFORMATION DISCLOS

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	Complete if Known
Application Number	10/688,354
Filing Date	October 17, 2003
First Named Inventor	Grigg et al.
Group Art Unit	Unknown 2829
Examiner Name	Unknown C WILSON
Attorney Docket Number	5216 1115 (99-0507 01/115)

		OTHER PRIOR ART NON PATENT LITERATURE DOCUMENTS	
Examiner Cite Initials * No.1		Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		Webpage, Objet Prototyping the Future, "How it Works", 2 pages	
		-U.S. Patern Application No. 09/590,527, filed June 8, 2000, entitled "Structures for Stabilizing Semiconductor Devices Relative to Tost Substrates and Methods for Fabricating the Stabilizers", inventor Salman Alcran	
		U.S. Patent Application No. 09/590,621, filed June 8, 2000, entitled "Stereoffdungraphic Method and Apparatus for Fabricating Stabilizers for Flip Chip Type Semiconductor Devices and Resulting Structures", inventor Algam et al.	
000		U.S. Patent Application No. 10/191,424, filed July 8, 2002, entitled "Semiconductor Devices with Permanent Polymer Stencil and Method for Manufacturing the Same", inventor Farmworth et al.  US P6Pub 2004005770	
		U.S. Patent Application No. 10/370,755, filed February 20, 2003, entitled "Chip Scale Package Structures and Method of Forming Conductive Burnps Thereon", inventor Warren M. Farnworth  U.S. Patent Application No. 10/370,755, filed February 20, 2003, entitled "Chip Scale Package Structures and Method of Forming Conductive Burnps Thereon", inventor Warren M. Farnworth  U.S. Patent Application No. 10/370,755, filed February 20, 2003, entitled "Chip Scale Package Structures and Method of Forming Conductive Burnps Thereon", inventor Warren M. Farnworth  U.S. Patent Application No. 10/370,755, filed February 20, 2003, entitled "Chip Scale Package Structures and Method of Forming Conductive Burnps Thereon", inventor Warren M. Farnworth	
		U.S. Patent Application No. 10/641,471, filed August 14, 2003, entitled "Protective Structures for Bond Wires", inventor Salman Akram  U.S. Patent Application No. 10/641,471, filed August 14, 2003, entitled "Protective Structures for Bond Wires", inventor Salman Akram	
		U.S. Patent Application No. 10/642,908, filed August 18, 2003, entitled "Solder Masks for Use on Carrier Substrates, Carrier Substrates and Semiconductor Device Assemblies Including Such Solder Masks, and Methods", inventor Tan et al.  US PG Pub Z0040077109	
93W.		U.S. Patent Application No. 10/672,098, filed September 26, 2003, entitled "Apparatus and Methods for Use in Stereolithographic Processing of Components and Assemblies", inventor Warren M. Farnworth  U.S. Patent Application No. 10/672,098, filed September 26, 2003, entitled "Apparatus and Methods for Use in Stereolithographic Processing of Components and Assemblies", inventor Warren M. Farnworth  U.S. Patent Application No. 10/672,098, filed September 26, 2003, entitled "Apparatus and Methods for Use in Stereolithographic Processing of Components and Assemblies", inventor Warren M. Farnworth	

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Examiner Signature	Chista	Wilson	Date Considered	3/1/05

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Unique citation designation number (optional). Applicant is to place a check mark here if English language Translation is attached.

(2-92)Sheet 1 of 1 Docket Number (Optional) **Application Number 0**-1449 2269-5216.1US 10/688,354 INFORMATION DISCLOSURE CITATION (99-0507.01/US) IN AN APPLICATION Applicant Grigg et al. (Use several sheets if necessary) Filing Date October 17, 2003 Group Art Unit 2811 2929 **U.S. PATENT DOCUMENTS** DOCUMENT FILING DATE DATE NAME CLASS SUBCLASS IF APPROPRIATE INITIAL NUMBER 12 216 5,181,984 01/26/1993 Matsumura et al. 113 438 6,150,193 11/21/2000 Glenn 361 704 6,469,897 B2 10/22/2002 Ho et al. 257 666  $\infty$ 6,479,887 B1 11/12/2002 Yoon et al. FOREIGN PATENT DOCUMENTS DOCUMENT DATE COUNTRY SUBCLASS CLASS NUMBER OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

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## Substitute for form 1449 INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Complete if Known Application Number 10/688,354 October 17, 2003 Filing Date Grigg et al. First Named Inventor 2829 2826 Group Art Unit Examiner Name **Unknown** C WILSON 2269-5216.1US (99-0507.01/US)

(use as many sheets as necessary)

Sheet of 1

Examiner Initials •	Cite No.	Document Number	Publication Date	Name of Patentee or Applicant of	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
		Number - Kind Code <sup>2</sup> (if known)	MM-DD-YYYY	Cited Document		
$\infty$		US- 6,593,220	07/15/2003	Yu et al.		
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FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite	Foreign Patent Document	Publication Date	Name of Patentee or	Pages, Columns, Lines,	76		
	No.1	Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>3</sup> (If known)	MM-DD-YYYY	Applicant of Cited Document	Where Relevant Passages or Relevant Figures Appear			
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<sup>&</sup>lt;sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.

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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Complete if Known 10/688,354 Application Number Filing Date October 17, 2003 First Named Inventor Grigg et al. 2829 Group Art Unit 2826 C. WILSON Examiner Name **Unknown** 2269-5216.1US (99-0507.01/US)

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Sheet of 1

Examiner Initials *	l	Document Number	Publication Date	Name of Patentee or Applicant of	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
	Cite No. <sup>1</sup>	Number - Kind Code <sup>2</sup> (if known)	MM-DD-YYYY	Cited Document		
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Form PTO-1449				Docket Number (Optional) 5216.1US (99-0507.01/US)  10/68835 Application Number Not yet assigned				
INFORMATION DISCLOSURE CITATION IN AN APPLICATION				Applicant Grigg et al.				
(Use several sheets if necessary)				Filing Date Octobe	72829 Group Art Unit <b>Unknown</b>			
		U.S.	PATENT	DOCUMENTS				
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME		CLASS	SUBCLASS	FILING DA	
<b>D</b> U	6,017,776	01/2000		Jiang et al.	439	118		
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